Date: Sun, 17 Jul 94 13:08:18 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #804
To: Info-Hams

Info-Hams Digest Sun, 17 Jul 94 Volume 94 : Issue 804

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Jul 94 19:20:38 GMT
From: news-mail-gateway@ucsd.edu
Subject: ANS-197 BULLETINS
To: info-hams@ucsd.edu

SB SAT @ AMSAT $ANS-197.01
SSTV ON AO-13

HR AMSAT NEWS SERVICE BULLETIN 197.01 FROM AMSAT HQ
SILVER SPRING, MD JULY 16, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-197.01

SSTV ON OSCAR 13

Slow scanners are invited to join the SSTV sessions on AMSAT-OSCAR-13. The frequency is 145.955 MHz. The net meets at 45 minutes before Mode-S, and on Mode-B following Mode-S on Saturdays and Sundays. Join those sessions or convey your wishes for other skeds to wb6llo@amsat.org on INTERNET, and he will coordinate your efforts.

DATE	TIME
23-July-1994	16:18 UTC and 18:23 UTC
24-July-1994	15:11 UTC and 17:16 UTC

/EX
SB SAT @ AMSAT $ANS-197.02
STS-65 SAREX MISSION CONTINUES

HR AMSAT NEWS SERVICE BULLETIN 197.02 FROM AMSAT HQ
SILVER SPRING, MD JULY 16, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-197.02

STS-65 SAREX Mission Continues

The STS-65 SAREX missions continues smoothly. The packet radio ROBOT is working perfectly and many stations are connecting and receiving their "confirming" QSO number. All radio amateurs are invited to try their hand at making a voice/packet contact with the astronauts aboard STS-65.

Monitor the WA3NAN Shuttle re-broadcast frequencies and daily ARRL bulletins to pick up the latest element sets. The following are the frequencies for the re-broadcasts:

Goddard Amateur Radio Club, WA3NAN, Greenbelt Maryland, SAREX Bulletins and Shuttle Retransmissions 3860 KHz, 7185 KHz, 14,295 KHz, 21,395 KHz, 28,650 KHz and 147.45 MHz (FM)

ARRL Amateur Radio Station, W1AW, Newington, CT SAREX News Bulletins 3990, 7290, 14,290, 18,160, 21,390, and 28,590 KHz and 147.555 MHz (FM)

Also, bulletins available on INTERNET, via AMSAT News Service (ANS) bulletins, Compuserve, and many of our local Packet Radio BSS.

The following is a summary of the frequencies that the Shuttle astronauts will use during SAREX operations:

All operations in split mode. Do not transmit on the downlink frequency.

Voice Freqs: Downlink: 145.55 MHz (Worldwide)
Uplinks : 144.91, 144.93, 144.95, 144.97, 144.99 MHz (Except

Europe)
144.70, 144.75, 144.80 MHz (Europe only)

Packet Freqs: Downlink: 145.55 MHz
Uplink : 144.49 MHz

Note: The crew will not favor any specific uplink frequency, so your
ability to work the crew will be the "luck of the draw."

The following is the latest keplerian element set for STS-65:

STS-65
1 23173U 94039A 94197.96572968 0.00069638 00000-0 20662-3 0 276
2 23173 28.4666 305.8755 0003512 39.1990 320.8876 15.90919045 1339

Satellite: STS-65
Catalog number: 23173
Epoch time: 94197.96572968 (16-JUL-94 23:10:39.05 UTC)
Element set: GSFC-027a
Inclination: 28.4666 deg
RA of node: 305.8755 deg Space Shuttle Flight STS-65
Eccentricity: 0.0003512 Keplerian Elements
Arg of perigee: 39.1990 deg
Mean anomaly: 320.8876 deg
Mean motion: 15.90919045 rev/day Semi-major Axis: 6677.8421 Km
Decay rate: 6.9638E-04 rev/day*2 Apogee Alt: 301.80 Km
Epoch rev: 133 Perigee Alt: 297.11 Km

[The AMSAT News Service (ANS) would like to thank Frank Bauer and the SAREX
Working Group for this bulletin item.]

/EX
SB SAT @ AMSAT $ANS-197.03
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 197.03 FROM AMSAT HQ
SILVER SPRING, MD JULY 16, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-197.03

Weekly OSCAR Status Reports: 16-JUL-94

AO-13: Current Transponder Operating Schedule:
M QST *** AO-13 TRANSPONDER SCHEDULE *** 1994 Jul 11 - Sep 12
Mode-B : MA 0 to MA 90 | Omnis : MA 230 to MA 30
Mode-BS : MA 90 to MA 120 |
Mode-S : MA 120 to MA 122 |<- S beacon only

Mode-S : MA 122 to MA 145 |<- S transponder; B trsp. is OFF
Mode-S : MA 145 to MA 150 |<- S beacon only
Mode-BS : MA 150 to MA 180 | Blon/Blat 180/0
Mode-B : MA 180 to MA 256 | Move to attitude 230/0, Sep 12
[G3RUH/DB2OS/VK5AGR]

DO-17: DO-17 still continues to transmit its voice message on a downlink
       frequency of 145.825 MHz.

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ N0QCU. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX

Date: Sun, 17 Jul 1994 00:49:10 MDT
From: agate!library.ucla.edu!psgrain!nntp.cs.ubc.ca!alberta!usenet@ames.arpa
Subject: Daily Summary of Solar Geophysical Activity for 16 July
To: info-hams@ucsd.edu

/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

16 JULY, 1994

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 16 JULY, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 197, 07/16/94
10.7 FLUX=082.4 90-AVG=080   SSN=076   BKI=5435 4333 BAI=026
BGND-XRAY=B1.2   FLU1=4.8E+06 FLU10=1.6E+04 PKI=5435 4333 PAI=026
  BOU-DEV=099,057,023,094,045,025,033,036   DEV-AVG=051 NT   SWF=00:000
 XRAY-MAX= C1.4   @ 0303UT   XRAY-MIN= A8.0   @ 1934UT   XRAY-AVG= B2.6
NEUTN-MAX= +001% @ 0520UT   NEUTN-MIN= -004% @ 1335UT NEUTN-AVG= -1.0%

```
  PCA-MAX= +0.3DB @ 1940UT     PCA-MIN= -0.2DB @ 1955UT    PCA-AVG= +0.1DB
BOUTF-MAX=55272NT @ 0046UT   BOUTF-MIN=55204NT @ 1652UT  BOUTF-AVG=55235NT
GOES7-MAX=P:+000NT@ 0000UT   GOES7-MIN=N:+000NT@ 0000UT  G7-AVG=+071,+000,+000
GOES6-MAX=P:+141NT@ 1933UT   GOES6-MIN=N:-058NT@ 0427UT  G6-AVG=+099,+037,-028
 FLUXFCST=STD:080,080,082;SESC:080,080,082 BAI/PAI-FCST=020,010,010/015,010,005
    KFCST=4445 3333 1122 1111  27DAY-AP=024,011   27DAY-KP=2246 5333 3322 3333
 WARNINGS=
   ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 15 JUL 94 was  35.0.
      The Full Kp Indices for 15 JUL 94 are: 4+ 3o 3- 2+   3- 3- 3- 4+
      The 3-Hr Ap Indices for 15 JUL 94 are:  32  16  14  10  13  13  12  34
      Greater than 2 MeV Electron Fluence for 16 JUL is: 3.0E+08


SYNOPSIS OF ACTIVITY
--------------------

          Solar activity was low. An optically uncorrelated C1
       flare at 0304Z was today's only C-class event. Frequent B-class
       subflares occurred. A new Region 7757 (N13E75) rotated into
       view today as a CSO spot group.

            Solar activity forecast:  solar activity is expected to be
       very low to low.

            The geomagnetic field ranged from unsettled to minor storm
       levels. Active to minor storm levels dominated from the
       beginning of the period through 1500Z. Conditions subsided to
       mostly unsettled thereafter. The disturbance seems likely to
       have been caused by a favorably positioned coronal hole.

            Geophysical activity forecast:  the geomagnetic field is
       expected to be unsettled to active for the next 24 hours as the
       current disturbance continues. Local nighttime hours are
       expected to be subject to isolated substorms. Conditions should
       decline to mostly unsettled levels for the second and third
       days.

            Event probabilities 17 jul-19 jul

                           Class M    01/01/01
                           Class X    01/01/01
                           Proton     01/01/01
                           PCAF       Green

            Geomagnetic activity probabilities 17 jul-19 jul
```

A. Middle Latitudes

Active	25/10/10
Minor Storm	10/05/05
Major-Severe Storm	10/01/01

B. High Latitudes

Active	30/10/10
Minor Storm	15/05/05
Major-Severe Storm	10/01/01

HF propagation conditions were below-normal over the high and polar latitude paths, particularly on transauroral circuits. Levels of geomagnetic and auroral activity should begin subsiding over the next day or two, which should bring high latitude propagation conditions back to near-normal levels. All other regions should see near-normal propagation.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 16/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
7751	S12W27	073	0020	CRO	06	004	BETA
7753	S12W01	047	0020	CRO	06	005	BETA
7754	N11W34	080	0020	BXO	04	006	BETA
7756	S13E46	000	0040	BXO	05	008	BETA
7757	N13E75	331	0100	CSO	06	003	BETA
7755	N07W68	114					PLAGE

REGIONS DUE TO RETURN 17 JULY TO 19 JULY

NMBR	LAT	LO
NONE		

LISTING OF SOLAR ENERGETIC EVENTS FOR 16 JULY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
1143	1148	1206			B1.6		130		

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 16 JULY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
16/B1944		B2107	S11W20	DSF				

INFERRED CORONAL HOLES. LOCATIONS VALID AT 16/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN

NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
15 Jul:	0016	0020	0024	B1.7	SF	7746	N12W80			
	0146	0149	0158	B1.4						
	0226	0230	0232	B2.0						
	0323	0333	0339	B7.0	SF		S11E70			
	0409	0422	0424	B4.7						
	0453	0509	0513	B5.7						
	0710	0711	0713		SF		S11E68			
	0714	0732	0737	C1.1	SF		S17E67			
	0922	0926	0929	B2.2						
	1157	1200	1203	B3.0						
	1251	1306	1311	B9.1	SF	7746	N13W90			
	1319	1329	1345		SF		S13E64			
	1613	1616	1619	B1.9						
	1625	1636	1709	B3.3						
	1713	1720	1727	C1.1	SF	7754	N11W16			
	1827	2021	2033	B5.1						
	2233	2239	2246	B4.5						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7746:	0	0	0	2	0	0	0	0	002	(11.8)
Region 7754:	1	0	0	1	0	0	0	0	001	(5.9)
Uncorrellated:	1	0	0	4	0	0	0	0	014	(82.4)

Total Events: 017 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations

NO EVENTS OBSERVED.

NOTES:
     All times are in Universal Time (UT). Characters preceding begin, max,
     and end times are defined as: B = Before, U = Uncertain, A = After.
     All times associated with x-ray flares (ex. flares which produce
     associated x-ray bursts) refer to the begin, max, and end times of the
     x-rays. Flares which are not associated with x-ray signatures use the
     optical observations to determine the begin, max, and end times.

     Acronyms used to identify sweeps and optical phenomena include:

          II   = Type II Sweep Frequency Event
          III   = Type III Sweep
          IV   = Type IV Sweep
          V   = Type V Sweep
          Continuum = Continuum Radio Event
          Loop   = Loop Prominence System,
          Spray   = Limb Spray,
          Surge   = Bright Limb Surge,
          EPL   = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 15 Jul 94 14:06:03 -0500
From: yale.edu!noc.near.net!news.tufts.edu!news.hnrc.tufts.edu!jerry@yale.arpa
Subject: Enough already
To: info-hams@ucsd.edu

In article <3067mh$qbr@masala.cc.uh.edu>, DJENKINS@jetson.uh.edu (Jenkins, David
F.) writes:
>
> Well, yes, but the "-40F = -40C" appeared in the context of a thread
> in which the "F" and "C" had earlier appeared as variable names in
> an equation...

Is any OF This stILl Being discuSseD SeRiouSly?
is my tOngue-In-cHEeK MEteR BrOkEN?

YEs -40f = -40C Is An equaliTy, bUt tHE -40 iSn'T mULTIPlyiNG tHE f Or C.
thus, yoU CAN'T diviDe bOth sIdEs By -40.

[SOrry. It feels LIKe it's bEEN a LonG WeeK.]

Date: Sun, 17 Jul 1994 09:08:50 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
Subject: Jupiter Radio Pulses
To: info-hams@ucsd.edu

Just yanked this off the press wire.

Jeff NH6IL
****

From: Reuters News
Distribution: reuters subscribers
Subject: Jupiter Radio Pulse Increases before Collisions
Keywords: urgent
ANPA: Wc: 469/0; Id: a0247; Src: reut; Sel: reute; Adate: 07-16-N/A; Ver: 0/1

TOKYO (Reuter) - As the world gears up to watch fragments of comet Shoemaker-Levy 9 crash into Jupiter Sunday, Japanese astronomers have detected a 10-fold increase in radio pulse emissions from the giant planet, NHK television said on Saturday.

NHK said the team of astronomers led by Tohoku University professor Hiroshi Oya caught the sudden increase in Jupiter's radio pulse between 7 and 8 p.m. (local) Thursday.

Oya's team said the string of 21 large comet fragments that make up Shoemaker-Levy 9 closing in on the planet might have caused the formation of dense, high-temperature plasma clouds which triggered the massive radio pulse outflow.

Using four antennae in northern Japan, Oya's team has been studying Jupiter's radio pulse since 1974.

NNNN

Date: 17 Jul 1994 02:32:58 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!sunic!trane.uninett.no!eunet.no!nuug!EU.net!sun4nl!hacktic!fro@network.ucsd.edu
Subject: Maplin address
To: info-hams@ucsd.edu

Hi all,

I'm looking for the address of the UK bound electronics distributor named Maplin Electronics. Anyone got their fax number on hand?

TIA, Frank

--
Frank R. Oppedijk, B.Sc. | Job: Novell NetWare programmer
Internet: fro@hacktic.nl | At: NewComm Technology,
                                        | Zeewolde, The Netherlands
Ham Radio: PA3FLV | Tel: ++31 (0)3242 5127
Tel: ++31 (0)36 5348427 | Fax: ++31 (0)3242 5129

Date: Wed, 13 Jul 1994 15:10:40 GMT
From: sgiblab!sono!collins@ames.arpa
Subject: Opening up Kenwood battery pack
To: info-hams@ucsd.edu

mwhite@mitre.org (Michael White) writes:

>J.D. Cronin wrote:

>> I'd like to replace the NiCad cells in the battery pack...
>>There are no screws visible...It looks like the entire thing was glued.

>Either glued or sonic welded, which amounts to the same thing. The only way
>I"ve found is to cut the case apart using a very sharp hobby knife. Be
>very, very careful, as you have to exert a lot of force, and one slip could
>cost you a finger. The case can be reassembled with glue pretty well, but
>it will never be perfect. Good luck.

>Mike, N4PDY

I've been successful using a 2", blunt chisel in the slot where the
2 halves join. With a series of sharp blows from a hammer, I have
been able to break the weld, leaving the plastic intact to allow it
to be re-glued (now you see why a *blunt* chisel is required :-).

Good luck,

Michael Stratford Collins (KC6TCU)
--
collins@acuson.com

Date: 15 Jul 94 12:28:25 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!
elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!
news.claremont.edu!bridge2!Thoth!peter@network.ucsd.edu

Subject: Please read: Ham Radio Bootcamp (Long)
To: info-hams@ucsd.edu

Thanks, Rob, for taking the right attitude towards the CB "problem". I have helped several ex-CB types become hams, and all were motivated and enthusiastic. CB is a great introduction to radio for kids, especially if they have a ham friend who can pick up rigs for them at flea markets and help them to put up dipoles.

I like your active approach, though. I'd comment that I have found the people using SSB to be more interested in going further in radio (they also tend not to talk with the phony "CB twang" voices).

Peter

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

Date: 15 Jul 1994 18:45:15 GMT
From: news2.near.net!info-server.bbn.com!news!levin@yale.arpa
Subject: Questions...
To: info-hams@ucsd.edu

In article <znr774240733k@leotech.mv.com> erobbins@leotech.mv.com (Ed Robbins) writes:
| 1. I live in Sandown, NH and I'm looking to take the technicians test. Can
| anyone tell me were and when I can take the exam in my area?

I'm not sure where Sandown is. There are several exam sessions each month in southern NH / northeast MA, though July and August are slow months. Next Thursday, July 21, there's a session in Salem, NH.

| 2. I actually bought an HT today and have been listening in quite eagerly.
| This has only fueled my desire to get on the airwaves. Will an HT be
| capable of using from my house? I have no problem receiving signals,
| some of which are very far away.(I know this is through a repeater).

Yes. It depends on where and whom you want to reach. It turns out to be inexpensive and simple to get a good antenna on the roof which you can use with the HT while at home; likewise for your car.

| 3. Where can I get a list of repeater frequencies?

There are several resources, the most comprehensive of which is the
ARRL Repeater Directory ($6), updated yearly, available from the ARRL
or ham equipment outlets (HRO in Salem has all this stuff).

| 4. Does the FCC allow you to operate on the air once you pass the test?
| The FAA issued me a temporary certificate when I passed my flight exam,
| is there a similar policy for radio use?

No. Take the test as soon as you can, so the waiting period starts as
soon as possible. You won't be able to transmit till you receive your
actual license in hand with a call sign on it.

On the other hand, once you have a license, if you take more tests and
upgrade, you may begin using the new privileges immediately without
waiting for the new license. But you must have received your first
license.

| I would appreciate any help I can get. If this is not the proper place to
| ask these questions then I apologize for the wasted bandwith, and would
| appreciate some direction as to where to ask. Thanks in advance.

This is a good place to ask. Good luck!

     /JBL
=
Nets: levin@bbn.com | "The Pledge of Allegiance says '..with liberty and
pots: (617)873-3463 | justice for all'. What part of 'all' don't you
KD1ON | understand?"   --Rep. Pat Schroeder (D) Colorado

Date: 16 Jul 1994 06:00:02 GMT
From: src.dec.com!crl.dec.com!nntpd.lkg.dec.com!iamu.chi.dec.com!
little@decwrl.dec.com
Subject: What sends COMMAS on CW & very high power in Bowie, MD area?
To: info-hams@ucsd.edu

In article <RICHARD_BOLT-110794093910@bolt.gsfc.nasa.gov>,
RICHARD_BOLT@CCMAIL.GSFC.NASA.GOV (Lightning Bolt) writes:
|>One home TV wipes out on all channels when this COMMA machine is on!
|>Removes color. Other TVs do not see it. comma & 4 seconds, agn comma.
|>(..--..). Not on any ham freq. HF nor 2 nor 6! Abt 15 min at beg. of ever
|>hr & 15 min at Half hr.
|>Poss. Air Force transmitting station 2 miles away? Dick W1DGA
|>
|>--
|>W1DGA
|>

Are you certain it's ..--.. and not ..- -.. ? If it's two letters, perhaps it's a beacon? There is one nearby a local hospital here that sends some two letter combo (forgotten the letters) that wipes out my AM radio when I enter the hospital's parking lot.

Also, when you say all TV channels, can you be more specific? Do you really mean 2-83 or whatever your TV receives?

73,
Todd
N9MWB

Date: Fri, 15 Jul 1994 23:28:15 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <300om6$bvi@search01.news.aol.com>, <Csx1Ls.95G@news.Hawaii.Edu>, <16FF4D7F8.R0264@vmcms.csuohio.edu>
Subject : Re: Please read: Ham Radio Bootcamp (Long)

In article <16FF4D7F8.R0264@vmcms.csuohio.edu> R0264@vmcms.csuohio.edu writes:
>In article <Csx1Ls.95G@news.Hawaii.Edu>
>jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:
>
>>
>>In article <300om6$bvi@search01.news.aol.com> robb873302@aol.com (RobB873302) writes:
>>>HAM RADIO BOOTCAMP
>>>.....
>>>and even Morse code practice could be covered in such a net. VE's could
>>
>>Interesting idea. I don't have a copy of the CFR regs for 11M - is
>>A2 emission (modulated CW) allowed on there? I'd be happy to give
>>code practice sessions on CB if it's legal. But would that be considered
>>a broadcast (which I know is prohibited on 11M)?
>>
>>Jeff NH6IL
>>
>I'm pretty sure it is illegal in the U.S.A., but I knew a couple of guys
>who did it anyway before getting their Novice tickets -- it was pretty
>clumsy the way they did it, transmit by keying the mike and down on AM, and
>receive on SSB.

Yes, but that would be A1 emission; A2 is where the carrier is kept on the air and a tone oscillator is used to send code - similar to

how your repeater's ID is sent. I just need to know if A2 is legal
or not.

If someone can give me the CFR part number for 11M I'll check to see
if the library has a copy and report back on what's legal.

Date: 15 Jul 1994 14:43:55 GMT
From: olivea!spool.mu.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!
newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!wizard.uark.edu!comp!plaws@ames.arpa
To: info-hams@ucsd.edu

References <2vs6gk$rm9@cville-srv.wam.umd.edu>, <301ja7$495@wizard.uark.edu>,
<1994Jul14.162950.7248@ve6mgs.ampr.org>eed.ks
Subject : Re: CALL YOUR CONGRESSPERSON!!! (was Re: FCC Delays now at 17 weeks!

mark@ve6mgs.ampr.org (Mark G. Salyzyn) writes:

>plaws@comp..uark.edu (Peter Laws) writes:

>>This is ridiculous. 6 terminals paid for by you and me and still only
>>one part-time data entry person. Imagine the folks that have to wait for
>>*real* licenses!

>Excuse me, how are you paying for your license? Last I checked, your licenses
>were free and that was the way you (US citizens) prefered it ...

Please read the whole thread, Mark. The *real* licenses to which I refer
are the commercial licenses (Gen'l Radiotelephone and -graph), not
Amateur. The same data entry person does both, though I have read that
the delay for *real* licenses is a mere 8 weeks.

I am fully aware that amateurs get a free ride in the US of A, although
the FCC is about to start selling callsigns, thereby diluting yet another
amateur radio tradition. (Before someone screams about the $5.75 test
fee remember that the FCC sees none of that)

BTW, speaking of Canadians, what is a good study guide for the Canadian
ham license? I will be there in December and plan to take the test.
Yes, I have a valid Canadian address.

73,
Peter Laws, N5UWY - V31WY - VE2???

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise"   ST:TNG - 1987-1994

Date: Fri, 15 Jul 1994 23:48:55 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <303g7b$81o@news.iastate.edu>, <CsyCKC.1r8@news.Hawaii.Edu>,
<3062iu$7ne@news.iastate.edu>≥¸
Subject : Re: Enough already

In article <3062iu$7ne@news.iastate.edu> twp77@isuvax.iastate.edu writes:
>In article <CsyCKC.1r8@news.Hawaii.Edu>, jeffrey@kahuna.tmc.edu (Jeffrey Herman)
writes:
>>Read the portion you deleted! He said something like:
>>
>>`` -40F = -40C would mean F = C ....''. <------------------------+
>> |
>>That's why certain portions of previously posted articles are |
>>included - the followup refers to the included text. You've got |
>>to read the included text to understand the followup. |
> |
>Yes, I saw it. Also, looking back, it was *your* comment in the first place
>that said you could cancel the -40 from both sides. The original d poster
>didn't. (He said the formula worked because the scales corr |
>corresponded at -40.) Everyone who jumped on you said of course you could
>you couldn't just cancel them. |
> |
>Thus, the only idiot saying that you can cancel them is you! Don't
>try to brush it off on someone else--like you alwasy do whenever |
>you suddenly realize what you said earlier was wrong!!!! |
                                                                   |
You're nuts! I said the -40 couldn't be cancelled. Read the quote |
above; that's what the original poster said, not me.---------------+

As for your second statement, I never waver from my posted opinions
whether they be about code or criminals. I believe you must be having
a hallucination/flashback from some drugs you took in the 60's.

Why don't you ever give your name and callsign? If you want to trade
flames we can take it to email.

Jeff NH6IL

Date: Sun, 17 Jul 1994 09:12:21 +0000
From: agate!howland.reston.ans.net!pipex!demon!talke.demon.co.uk!ken@ames.arpa
To: info-hams@ucsd.edu

References <2vud99$gqj@cville-srv.wam.umd.edu>, <2vujjd$jr9@src-news.pa.dec.com>,
<3000gt$eds@gap.cco.caltech.edu>
Reply-To : ken@talke.demon.co.uk
Subject : Re: Lack of professional consideration for HAM operators

In article <3000gt$eds@gap.cco.caltech.edu>
           pjb@cco.caltech.edu "Paul J. Brewer" writes:

> I don't know why people assume that paying for the liscence would encourage
> better service. This is true for the private sector but is cewrtainly
> not true for the public sector.
>
> Suppose the fee was $25, and it was still a 12 week wait. Would we pay....
> yes. Would they have a reason to improve.... not necessarily. After all,
> they have a monopoly -- they can charge whatever they want and take
> however long they want. Other examples include the motor vehciles dept.
> of any state.
>
> Paul Brewer KI6CQ
> pjb@cco.caltech.edu
>

I agree with your reasoning Paul
We pay for every thing hear in the uk
My licence is still a month out of date before I get the renewal
Since the government put every thing out to tender, we have to pay so that
all the firms can make huge profits out of us.
--
ken odlum

        | At least read part of this message all the way through |
        | |
         ----
         ken@talke.demon.co.uk

Date: Fri, 15 Jul 1994 17:50:45 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!swrinde!cs.utexas.edu!
geraldo.cc.utexas.edu!portal.austin.ibm.com!awdprime.austin.ibm.com!
mcinnis@network.ucsd.edu
To: info-hams@ucsd.edu

References <2vsh6m$3q0@src-news.pa.dec.com>,
<2vur4r$ko@transfer.stratus.com><301c1d$1lb@src-news.pa.dec.com>,
<395@doghouse.win.net>bm.com
Reply-To : mcinnis@vnet.ibm.com
Subject : Re: Letter to Washington about FCC delays

In article <301c1d$1lb@src-news.pa.dec.com>, Ira Machefsky (ira@src.dec.com)
writes:
>If our congressional representatives cut the budget without forseeing this
>difficulty, then they bungled, not the FCC. If the ARRL opposed license fees
>(which I understand they did), then they bungled. No one is doing me a service
>by saving me 10 bucks and making me wait 17 weeks.
>....

NO! NO! NO!

Fees for Amateur Radio licenses are a very bad idea. We get use of the
frequencies and licenses at no charge because we provide a public service.

If we get the Congress thinking about ham radio as something that
should pay its own way by paying fees and such, they will simply sell
all our spectrum space to the highest bidder and we will have no spectrum
space left.

We are a valuable resource to the people of the country. We are not
just a bunch of freeloaders asking for government handouts.

Amateur radio is the cheapest and often the most dependable form of
emergency communication around. Congress should look at FCC funding
for amateur radio as a cheap way to buy emergency and public service
communication. If Congress funded the FCC to have a 2 day turn around
on licenses and widespread crackdowns on bootleggers, it would be by
far the cheapest and most effective way to provide emergency and public
service communications.

Look at it this way. The FCC apparently has one person fulltime
providing license processing. There are probably tens of thousands of
government employees working fulltime providing communications services
that work less well than the amateur radio service. If ten more FCC
employees were devoted to license processing, that would break the
backlog almost immediately. If a few dozen more FCC employees were
dedicated to hunting down bootleggers, and handing out $10,000 fines,
that would help a lot. (Bootlegger hunting could probably be made to
pay for itself if Congress would allow it to do so.) At a total
additional cost of less than 1 more FCC person per state, great

improvement to emergency communications could be attained.
--
Mickey McInnis - mcinnis@austin.ibm.com (mcinnis@vnet.ibm.com outside IBM)
--

End of Info-Hams Digest V94 #804
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